

3M Scotch 23 Rubber Splicing Electrical Tape

Quick Reference Guide

Overview

3M Scotch 23 Rubber Splicing Electrical Tape is a highly conformable grade of self-fusing (self-amalgamating) electrical tape used for splicing and terminating medium voltage cables. This self-amalgamating tape creates a secure, water resistant, tight bond by fusing to itself.

3M Scotch 23 Rubber Splicing Electrical tape is manufactured from a highly conformable Ethylene Propylene Rubber backing and can be wrapped tightly over most profiles including awkward or irregular shapes.

Scotch 23 Electrical Tape is compatible with all solid dielectric cable insulation types, including:

- Polyethylene (high and low density).
- Oil based rubber.
- Butyl rubber.
- Polyvinyl chloride (PVC).
- Cross linked polyethylene (XLP).

Typical applications include:

- Sealing and protecting electrical connections from moisture and environmental influences.
- Termination sealing of high voltage cables.
- Jacketing for high voltage splices and terminations.
- Primary insulation for cable jointing, splicing and terminating up to 69 kV (69,000 volts).
- Primary insulation for building stress cones



Key Specifications

Colour	Black
Backing	Ethylene Propylene Rubber (EPR)
Adhesive	Self-Fusing Only
Thickness (Overall)	0.76mm
Ultimate Elongation	1,000%
Continuous Temperature Rating	90°C
Short-Term Temperature Rating	130°C
Dielectric Strength	31.5 mV/m
Tensile Strength	1.4 KN/m

Scotch 23 Splicing Tape Sizes.

The table below lists all our standard sizes of 3M Scotch 23 Splicing Tape. To quickly find any on our website, just search for the SWM part number listed. Alternatively, browse the full range at swiftsupplies.com.au/rubber-electrical-tape

Part Number	Roll Width	Roll Length
SWM000018B01V0001	19mm	9 Metres
SWM000018B01V0002	25mm	9 Metres